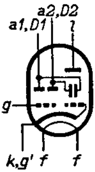
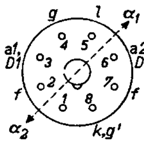
TUNING INDICATOR with two systems of different sensitivity
INDICATEUR D'ACCORD avec deux systèmes de sensibilité différente
ABSTIMMANZEIGERÖHRE mit zwei Systemen verschiedener Empfindlichkeit

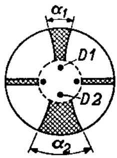
Heating : indirect by A.C. or D.C. series or parallel supply
Chauffage: indirect par C.A. ou C.C. alimentation parallèle ou série
Heizung : indirekt durch Wechsel- oder Gleichstrom; Serien- oder Parallelspeisung

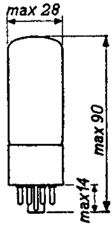
V_f = 6,3 V
I_f = 200 mA

Dimensions in mm
Dimensions en mm
Abmessungen in mm









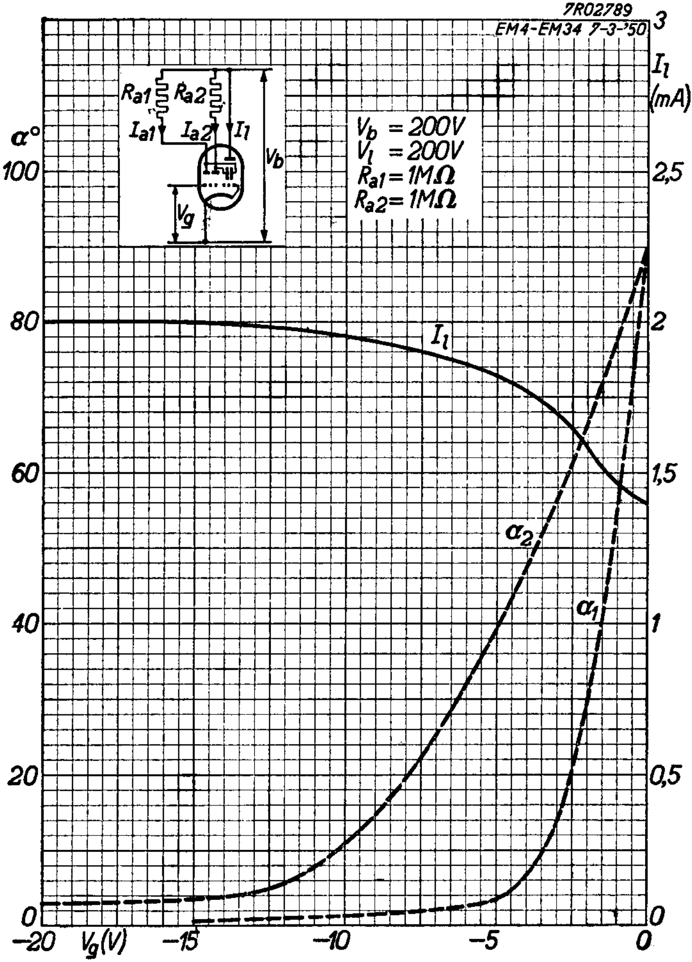
Base, culot, Sockel: OCTAL

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

$V_b = V_\ell$	=	200	250 V
$R_{a1} = R_{a2}$	=	1,0	1,0 MΩ
I_ℓ (V_g = 0 V)	=	1,4	2,0 mA
V_g ($\alpha_1 = \alpha_2 = 90^o$)	=	0	0 V
V_g (α_1 = min.)	=	-4,2	-5 V
V_g (α_2 = min.)	=	-12,5	-16 V

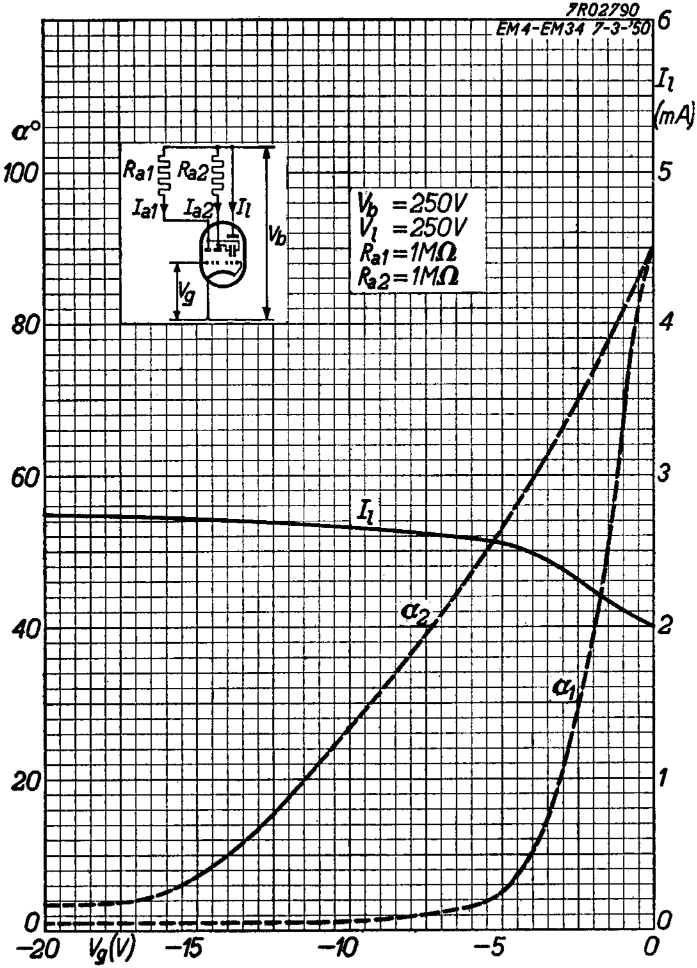
Limiting values
Caractéristiques limites
Grenzdaten

V_{a1_o} = max. 550 V		V_ℓ	= max. 300 V
V_{a1} = max. 300 V		$-V_g$ (I_g =+0,3μA)	= max. 1,3 V
V_{a2_o} = max. 550 V		R_g	= max. 3 MΩ
V_{a2} = max. 300 V		R_{kf}	= max. 20 kΩ
$V_{\ell o}$ = max. 550 V		V_{kf}	= max. 100 V


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R_{a1}
R_{a2}
I_{a1}
I_{a2}
I_l
V_b
V_g
V_b = 200V
V_l = 200V
R_{a1} = 1MΩ
R_{a2} = 1MΩ
α°
100
80
60
40
20
0
3
I_l (mA)
2,5
2
1,5
1
0,5
0
I_l
α_2
α_1
−20
V_g(V)
−15
−10
−5
0

EM34

PHILIPS



B

PHILIPS

Electronic Tube

HANDBOOK

EM34

page	**sheet**	**date**
1	1	1956.01.01
2	A	1956.01.01
3	B	1956.01.01
4	FP	1999.07.10